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From: LCARPENTER  
To: MODIS.DATA.TEAM  
Subj: MODIS SDST Minutes 12/18/92

## MODIS Science Data Support Team (SDST) Meeting Minutes 12/18/92

ATTENDEES: Francesco Bordi, Tom Bryant, Lloyd Carpenter, Paul Chan, Larry Fishtahler, Al Fleig, Tom Goff, Liam Gumley, Paul Hubanks, Ed Masuoka, J. J. Pan, Shahin Samadi, Greg Schmidt, Carl Solomon, Lalit Wanchoo

NEXT MEETING:	Date	Time	Building	Room
	Friday, January 08	10:00 am	22	G95

!! Happy Holidays !!

### TOPICS:

1. MODIS AIRBORNE SIMULATOR (MAS): Liam Gumley reported on the quality of the data taken on engineering test flights which were flown on 12/07/92 and 12/16/92. There was a significant improvement in the signal-to-noise ratio in several of the channels, as compared with the June 1992 data.
2. DATA PRODUCTS LIST AND ALGORITHM DEPENDENCY DIAGRAM: J.J. Pan presented the latest updates to the MODIS data product lists and the algorithm dependency diagram.
3. MODIS DATA RATE AND LEVEL-1 DATA STRUCTURES: Tom Goff presented the latest version of the detailed description of MODIS Level-0 and Level-1 data including data rates and scan cube structure. There was some discussion of Earth location strategy, and the process for determining calibration coefficients and applying the calibration.
4. POINTING/POSITION ERROR BUDGET FOR MODIS: Paul Hubanks presented the latest information on the effects of MODIS pointing/position errors on pixel locations. One-sigma error

ellipses were shown based on three situations: 1) using the current error specifications, 2) using the expected as-built errors, 3) using expected as-built errors with static components removed through ground processing.

#### ACTION ITEMS:

06/12/92 [Lloyd Carpenter]. Due Date: 02/12/93. Implement Microsoft Project for managing and scheduling MODIS SDST activities, including Level-1A and -1B schedules, Level-2 shell schedule, sizing of computer resource requirements, and overview. STATUS: Open

12/22/92 [Tom Goff]. Due Date: 01/15/93. Determine computer storage and processing requirements for MODIS Level-1A and Level-1B processing. STATUS: Open.

12/22/92 [Lloyd Carpenter]. Due Date: 03/01/93. Survey the MODIS science team members to determine computer storage and processing requirements for Level-2 processing. STATUS: Open.

12/04/92 [Team]. Due Date: 12/18/92. Generate a definition for MODIS data product Level-1A, -1B, -2 and -3. STATUS: Closed.

12/18/92 [Al Fleig]. Due Date 01/22/93. Meet with John Barker to discuss MCST requirements for Level-1A Earth location processing and data quality classification. STATUS: Open.

12/18/92 [Al Fleig]. Due Date 01/15/93. Discuss requirements for a volcano flag with Peter Mouginis-Mark. STATUS: Open.